

Amendments to the Claims

1 - 28 (Cancelled)

29. (Currently Amended) A surgery-assisting retraction device (SARD) ~~for use~~ useful in minimally invasive surgeries for retraction of an organ within ~~[[a]]~~ the abdominal cavity of the human body, said SARD comprising:

a. at least one first anchoring means adapted to be reversibly attached to an anchoring point on the internal abdominal wall; and

b. at least one second anchoring means being interconnected to said at least one first anchoring means via coupling means, said first anchoring means is adapted for attaching said SARD to an internal surface within said cavity and said second anchoring means [[is]] adapted [[for]] to be reversibly attaching attached said [[SARD]] to [[an]] said organ within said abdominal cavity, such that when wherein said SARD is configured for being entirely inserted into said cavity; further wherein said SARD, when activated, the same internally retracts said organ with respect to said anchoring point internal surface such that no constant external forces applied from the outside of the body are needed to retract said organ,

wherein said anchoring point is located on the internal surface of said abdominal wall, such that creation of an opening at the location of said anchoring point for said retraction is prevented.

30. (Currently Amended) The SARD according to claim 29, wherein each ~~of~~ said at least one first anchoring means [[or]] and said at least one second anchoring means [[are]] is selected from ~~[[a]]~~ the group consisting of vacuum means, magnetic means situated on either interior, exterior or both surfaces of said cavity; mechanical means, adhesive means or any combination thereof.

31. (Currently Amended) The SARD according to claim 29, ~~further comprising means allowing wherein~~ said SARD ~~[[to bc]] is moved~~ moveable in any predetermined direction from one position anchoring point to another anchoring point on and ~~to be reattached to the undersurface of said abdominal wall cavity, or to various tissues within said cavity, without creating any additional significant openings in said location of said anchoring points~~ the cavity wall.
32. (Currently Amended) The SARD according to claim 29, wherein ~~each of said at least one~~ first anchoring means and said ~~at least one~~ second anchoring means ~~are comprising~~ comprises a plurality of attachment means ~~[[,]]~~ selected from the group consisting of: vacuum cups, magnetic means, mechanical means, adhesive means or any combination thereof, wherein said plurality of said attachment means are adapted to homogeneously distribute mechanical load between said plurality of said attachment means.
33. (Cancelled)
34. (Cancelled)
35. (Cancelled)
36. (Currently Amended) The SARD according to claim ~~[[34]]~~ 29, additionally comprising an electronically-controlled vacuum pump comprising;
- a. at least one vacuum generating means;
 - b. a vacuum controller for controlling the level of vacuum required;
 - c. at least one timer for activating a vacuum pump for a predefined time interval when receiving a trigger input; and,
 - d. at least one indicator means selected from a group consisting of light, buzzer, for indicating that said vacuum is about to end.
37. (Currently Amended) The SARD according to claim 29, additionally comprising;

controlling means releasably attached to said SARD, adapted to (i) introduce said SARD into said abdominal cavity; (ii) to extract said SARD from said abdominal cavity; and, (iii) to relocate said SARD within said abdominal cavity; said controlling means being at least partially operated by from outside said body.

38 - 40. (Cancelled)

41. (Withdrawn) A method of performing surgery within a cavity of the human body by;

- a. obtaining an anchoring device for use in surgery within said cavity, said anchoring device comprising connected first and second attaching means, said first attaching means for attaching the device to an internal surface within a cavity of the human body and said second attaching means for attaching to surgical instruments or devices within said cavity;
- b. introducing, into said cavity said anchoring device;
- c. attaching said first attaching means to an internal surface within said cavity; and
- d. attaching surgical instruments to said second attaching means, such that the surgical apparatus is contained within the cavity of the human body.

42. (Withdrawn) The method of performing surgery within a cavity of the human body, according to claim 38, comprising;

- a. providing at least one anchoring device comprising connected first and second attaching means;
- b. providing at least one controlling means;
- c. creating an access incision from the outside of the human body to provide access to an inaccessible cavity or using a natural opening to provide access to an accessible cavity;
- d. using the controlling means to introduce at least one said anchoring device through the access opening into the cavity;

- e. attaching said anchoring device to an internal wall of said cavity or to some other internal organ using its first attaching means;
 - f. using the controlling means to introduce at least one surgical instrument, for example a grasping instrument to be attached to an internal organ, through the access opening into the cavity;
 - g. attaching said surgical instrument to said anchoring device using its second attaching means; and
 - h. removing the controlling means from the cavity and leaving the access opening free for other use during the surgery;
 - i. controlling the surgical equipment installed within the cavity to perform the surgery; and
 - j. using a controlling means to remove said surgical instruments from the cavity; thereby installing surgical apparatus into and removing it from the cavity whilst leaving the access incision unimpeded during surgery.
43. (Withdrawn) The method of performing surgery within a cavity of the human body, according to claim 38, additionally comprising;
- a. attaching at least one forcing means to the abdominal wall by some attachment means such as vacuum cups, magnetic means, mechanical means, adhesive means, fixation wires or any combination thereof; and
 - b. forcing the abdominal wall upwards,
- thus constructing a contained frame within the cavity used for lifting the abdominal wall during surgery.
44. (Currently Amended) The ~~SARD surgery-assisting-anchoring device~~ according to claim 29, wherein SARD is activated by an introducer.
45. (Currently Amended) The ~~SARD surgery-assisting-anchoring device~~ according to claim 29, wherein SARD is introduced and extracted into and out of said abdominal cavity by an introducer.

46. (Currently Amended) The ~~SARD surgery-assisting anchoring device~~ according to claim 29, wherein SARD is manipulated and relocated within said abdominal cavity by an introducer.
47. (Currently Amended) A method for internally retracting an organ within ~~[[a]]~~ the abdominal cavity of the human body, during minimally invasive surgeries, said method comprising steps of:
- a. obtaining a surgery-assisting retraction device (SARD) useful in minimally invasive surgeries for retraction of an organ within said abdominal cavity, said SARD comprising [[i.]] (i) at least one first anchoring means adapted to be reversibly attached to an anchoring point, and, (ii) and at least one second anchoring means being interconnected to said at least one first anchoring means via coupling means;
 - b. ~~entirely~~ inserting said SARD into said abdominal cavity by means of an introducer;
 - c. reversibly attaching said at least one first anchoring means to said anchoring point of said SARD to an internal surface within said cavity;
 - d. reversibly attaching said second anchoring means of said SARD to [[an]] said organ within said abdominal cavity, thereby internally retracting said organ with respect to said internal surface without requiring external forces to be applied from the outside of the body thereby retracting said organ within said abdominal cavity;

wherein said step of reversibly attaching said at least one first anchoring means to said anchoring point is performed, such that said anchoring point is located at the internal abdominal wall; thereby preventing the creation of an opening in said body for the attachment of said at least one first anchoring means to said anchoring point.

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48. (Currently Amended) The method according to claim 45, additionally comprising step of selecting each of said first anchoring means and said second anchoring means from [[a]] the group consisting of vacuum means, magnetic means situated on interior, ~~exterior or both~~ surfaces of said cavity; mechanical means, adhesive means or any combination thereof.
49. (New) The SARD according to claim 29, wherein said coupling means is selected from the group consisting of: a string, a tissue retractor means, a rod, or any combination thereof.